

WHAT IS CLAIMED IS:

1. A seat comprising:

a seatback and a leg rest supported by a seat cushion for pivotal movement; and

driving means for driving the seatback and the leg rest;

characterized in that one of the frame provided in the seatback and the frame provided in the leg rest is provided with a strain gauge for detecting, during the inclining movement, a force that acts on the frame in the direction opposite to the direction of the inclining movement.

2. The seat as set forth in Claim 1, further comprising operation-stopping means for bringing the operation of at least one of the seatback and the leg rest, which is provided with the strain gauge, to a stop when a force detected by the strain gauge is larger than the predetermined reference value.

3. The seat as set forth in Claim 1 or Claim 2, further comprising alarm means for alarming that a large force is applied on at least one of the seatback and the leg rest, which is provided with the strain gauge therein, when the force that the strain gauge detected is larger than the predetermined reference value.